

BK PRECISION

Replacement Test Leads

TL-2A Deluxe test lead sets

IEC61010 1000V CATIII rating. Silicone lead wire length 60" (1.5m). Black alligator clip included. Threaded tips fits TL-3 accessory kit items.



TL-1 Safety shrouded banana plugs
TL-4 Un-shrouded banana plugs



Economical replacement test leads. 1500V 3A ratings. PVC lead wire, 40" (1.0m). Black and red alligator clips.

FP-6 Semiconductor test leads

Specialized test lead set for semiconductor testers. Three conductor lead with 4mm banana plugs to mini-IC test clips in yellow, green and blue. Thirty (76cm) length.



GC/Waldom

Medium Duty Unbreakable Test Leads

12-1647



One piece molded construction. Phone tips both ends. 30" ultra-flexible. One red and one black.

12-1648

One piece molded construction. Phone tips to banana plugs. 30" ultra-flexible. Rated 300 volts.

Heavy Duty Test Leads

12-1656



Molded plastic construction. Phone tips to banana plugs. 35" leads 25 ga. (20 x 38). One pair of each, red and black.

Jumper Wire Test Leads

12-1650 27 AWG, 2 each, 15" long thin leads with miniature clips, 10 jumpers

12-1655 21 AWG, heavy duty leads, 1 each, 22" long leads with standard size clips, 5 jumpers



12-1650

Handy test leads with insulated alligator clips attached to end. Ideal for breadboarding, experiments, temporary hookups, numerous applications. Package contains black, red, white, green and yellow jumpers.

IDEAL

Test Leads Accessories

TL-5

One red and one black, with two industrial type long insulated prod handles and spade pointed probe tips connected to UL-1244 type safety shielded 90 degree male banana jacks. Use with 61-740, 61-741 and 61-742.



TL-5A1

TL-5 test leads packed with model A-1 jaw adapter clamp.

TL-52

One red and one black, one prod and one alligator clip connected to UL-1244 type safety shielded 90 degree male banana jacks. Use with 61-740, 61-741 and 61-742.



TL-34

One red and one black with two insulated prod handles and round probe tips. Use with 61-610.



TL-42

One red and one black with two industrial prod handles and UL-1244 type safety shielded 90 degree male banana jacks with partially threaded probes for AG-941 alligator clips included. Use with 61-631 and 61-710.



TL-48

One red and one black with large alligator clips on one end with detachable probe tips and UL-1244 type safety shielded male banana jacks on the other. Use with 61-710, 61-730 and 61-731.



TL-54

Red and one black with probe handles and round probe tips connected to 90 degree shielded banana plugs. Use with 61-602, 61-603 and 61-604.



TL-58

One red and one black heavy duty insulation with prod tips connected to 90 degree shielded banana plugs. Use with 61-740, 61-741 and 61-742.



Patch Cords & Test Leads



Test Lead Wire

472	25 feet, black
476	25 feet, red
474	100 feet, black
478	100 feet, red

Perfect for making test leads. Wire is 18 gauge tinned and stranded. O.D. of cable is .135". Lead wire is very flexible and guarantees no kinked leads.

Test Leads

466	Phone tips
467	Banana plugs



Plastic test prod handles, 4" long, 3/8" diameter, with prods 1" long. Red and black. Equipped with 48" kinkless plastic-covered leads .135" O.D. Available with either insulated banana plugs or phone tips at other end to fit standard American jacks.

All-Purpose Test Lead Set

470



Use them in the conventional manner or adapt them to individual requirements. Tiny, sturdy, push-to-clip prods can be firmly attached to hard-to-reach components in chassis-whether large or small terminals. Clip-onto-component feature enables you to test parts for long periods without actually handling the test leads. Hands are free for other work. Each prod is connected with solderless, kinkless wire terminating in an insulated banana plug. A removable, nickel-plated phone tip (supplied) fits over the banana plug for meters with either banana or phone tip jacks. Overall lead length is 36 inches. Two unbreakable high dielectric strength prods, black and red.

Deluxe Universal Solderless Test Lead Set SA15



Two 42" flexible, vinyl-covered test leads, heavily insulated to prevent high voltage breakdown and cut-through. Eighty-strand copper conductors eliminate wire fatigue and assure long life. Equipped with adapter accessories most often used. Each lead is attached to a 4 3/4" probe (1-red, 1-black). Banana plugs on each end have nickel-plated phosphor bronze springs to maintain rigid contact through many thousands of insertions. Heavy plated brass adapters-color-coded spade lugs-large enough for lab instruments (up to 1/4 dia. center post). Test prod phone tips (0.180" dia.). Strong spring action alligator clips. NP phone tips-not insulated. Each insulated adapter completely covers banana plugs to eliminate accidental contact, avoiding shorts.



Shielded Low Thermal EMF Spade Lug Patch Cord 1756-length

Cable: 12 AWG wire. Shield leads: 18 AWG. Spade lug: gold plated electrolytic tough pitch (ETP) 110 copper alloy, 1/2 hard. Rating: 2000 VDC, 20 amps, 55°C (131°F) max. Lengths available (in inches): 24,48.



Low Thermal EMF Retractable Sheath Banana Plug Patch Cord

5291A-length-color



Plug body: gold plated tellurium copper. Spring: gold plated beryllium copper. 12 AWG wire .144 O.D. Rating: 1000V per IEC1010-2-031, 7 amps, 55°C. Lengths available (in inches): 12, 36, 60. Standard colors: 0 for black, 2 for red.

Low Thermal EMF Retractable Sheath Banana Plug to Spade Lug

5295-36-color



Spade lug: gold plated electrolytic tough pitch (ETP) 110 copper alloy, 1/2 hard. Rating: 1000V, 7 amps, 55°C (131°F) max. Standard colors: 0 for black, 2 for red.

Banana Plug Patch Cords

Multi-Stacking, Nickel-Plated Finish

B-length-color

Rating: 5000 VDC, 15 amps, 55°C (131°F) max., 18 AWG wire, .144 O.D. Lengths available (in inches): 4, 8, 12, 18, 24, 36, 48, 60, 72. Ten standard colors: 0 for black, 1 for brown, 2 for red, 3 for orange, 4 for yellow, 5 for green, 6 for blue, 7 for violet, 8 for gray, 9 for white.

Multi-Stacking Gold-Plated Finish

2948-length-color

Lengths available (in inches): 12, 24, 36, 48, 60. Standard colors available: 0 for black, 2 for red.

Multi-Stacking Banana Plug to Minigrabber® Test Clip

6249-length-color



Features a slim (.36) body width. Hook attaches to component leads up to .060 O.D. Rating: 600V, 5 amps, 18 AWG silicone insulated wire, .144 O.D. Lengths available (in inches): 12, 24, 36. Standard colors available: 0 for black, 2 for red.

3782-length-color

Hook attaches to component leads up to .060 O.D. Rating: 300V, 5 amps, 55°C (131°F) max., 20 AWG wire, .087 O.D. Lengths available (in inches): 12, 24, 36, 48, 60. Standard colors: 0 for black, 1 for brown, 2 for red, 3 for orange, 4 for yellow, 5 for green, 6 for blue, 7 for violet, 8 for gray, 9 for white.

Patch Cords & Test Leads

Pomona®

Multi-Stacking Banana Plug to Micrograbber® Test Clip

5053-length-color

Hook attached to components up to .040 O.D. Rating: 150V, 3 amps, 55°C (131°F) max., 20 AWG wire, .087 O.D. Lengths available (in inches): 12, 24, 36, 48, 60. Standard colors available: 0 for black, 2 for red.



Multi-Stacking Banana Plug to Maxigrabber® Test Clip

4996-length-color

Hook attaches to components up to .060 O.D. Rating: 300V, 5 amps, 55°C (131°F) max., 20 AWG wire, .087 O.D. Lengths available (in inches): 12, 24, 36, 48, 60. Standard colors available: 0 for black, 2 for red.



Multi-Stacking Banana Plug to Minipincer® Test Clip

6298-length-color

Pincer features a slim (.36) body width, ideal for connecting to SMD devices like SOIC's, PLCC's and discrete leaded components. Pincers open to .090. Rating: 600V, 5 amps, 18 AWG silicone insulated wire, .144 O.D. Lengths available (in inches): 12, 24, 36. Standard colors available: 0 for black, 2 for red.



5421-length-color

Pincer opens to .090 Rating: 300V, 5 amps, 55°C (131°F) max., 20 AWG wire, .087 O.D. Lengths available (in inches): 12, 24, 36, 48, 60. Standard colors available: 0 for black, 2 for red.

Multi-Stacking Banana Plug to SMD Grabber® Test Clip

5302-length-color

Pincer opens to .040 Rating: 150V, 0.5 amps, 55°C (131°F) max., 22 AWG wire, .064 O.D. Lengths available (in inches): 12, 24, 36. Standard colors available: 0 for black, 2 for red.



Test Lead Holders



Part Number	Color	Max Cable Diameter (in.)	Number of slots
1508	Orange	.210	14
4408	Black	.320	10
2708	Blue	.450	9

Pomona®

Minigrabber® Test Clip Patch Cord

6246-length-color

6247-48

Minigrabber® test clip, one end only



Features a slim (.36) body width. Hook attaches to component leads up to .060 O.D. Rating: 600V, 5 amps per IEC1010-2-031 CAT III P2, 18 AWG silicone insulated wire, .144 O.D. Lengths available (in inches): 12, 24, 36, 48, 60. Standard colors available: 0 for black, 2 for red.

3781-length-color

Hook attaches to component leads up to .060 O.D. Rating: 300V, 5 amps, 102°C (216°F) max., 20 AWG wire, .087 O.D. Lengths available (in inches): 8, 12, 24, 36, 48, 60. Ten standard colors: 0 for black, 1 for brown, 2 for red, 3 for orange, 4 for yellow, 5 for green, 6 for blue, 7 for violet, 8 for gray, 9 for white.

5523

Minigrabber® test clip patch cord kit, which contains 10 pieces of Model 3781-24, one of each color.

3780-60

Minigrabber® test clip one end only, 60". Standard colors are black and red. Add suffix -0 for black or -2 for red.

Micrograbber® Test Clip Patch Cord

4613-length-color



Hook attaches to components up to .040 O.D. Rating: 150V, 3 amps, 102°C (216°F) max., 20 AWG wire, .087 O.D. Lengths available (in inches): 12, 24, 36, 48. Standard colors available: 0 for black, 2 for red.

5525

Micrograbber® test clip patch cord kit, which contains 10 pieces of Model 4613-24, one of each ten colors.

Minipincer® Test Clip Patch Cord

6295-length-color

6296-48

Minipincer® test clip one end only



Features a slim (.36) body width ideal for connecting to SMD devices like SOIC's, PLCC's and discrete leaded components. Contact pincers open to .090. Rating: 600V, 5 amps per IEC1010-2-031 CAT III P2. Lengths available (in inches): 12, 24, 36, 48, 60. Standard colors available: 0 for black, 2 for red.

5419-length-color

Pincer opens to .090. Rating: 300V, 5 amps, 80°C (176°F) max., 20 AWG wire, .087 O.D. Lengths available (in inches): 8, 12, 18, 24, 36, 48, 60. Standard colors available: 0 for black, 2 for red.

Patch Cords & Test Leads

Pomona®

SMD Grabber® Test Clip Patch Cord

5301-length-color

Pincer opens to .040. Rating: 150V, 0.5 amps, 102°C (216°F) max., 22 AWG wire, .064 O.D. Lengths available (in inches): 6, 12, 24, 36. Standard colors available: 0 for black, 2 for red.



5521 SMD Grabber® test clip patch cord kit which contains 10 pieces of Model 5301-24, one each of ten colors.

5303-36 Standard colors are black and red. Add suffix -0 for black or -2 for red.

Minigrabber Test Clip Patch Cord

MG-B-length-color



Jaws open to .187. Rating: 45V, 5 amps, 50°C (122°F) max., 18 AWG wire, .144 O.D. Lengths available (in inches): 4, 8, 12, 24, 36, 48, 60. Standard colors available: 0 for black, 2 for red.

1236-length-color

Jaws open to .220. Rating: 45V, 5 amps, 50°C (122°F) max., 18 AWG wire, .144 O.D. Lengths available (in inches): 8, 12, 24, 36, 48, 60. Standard colors available: 0 for black, 2 for red.

Retractable Sheath Banana Plugs

Banana Plug to Patch Cord

4911A-length-color



Rating: 1000V per IEC1010-2-031, 10 amps, 80°C (176°F) max., 18 AWG wire, .144 O.D. Lengths available (in inches): 12, 18, 24, 36, 48, 60. Standard colors available: 0 for black, 2 for red.

Banana Plug to Micrograbber® Test Clip

5339-length-color



Hook attaches to component leads up to .040 O.D. Rating: 150V, 3 amps, 80°C (176°F) max., 20 AWG wire, .087 O.D. Lengths available (in inches): 8, 12, 24, 36, 48. Standard colors available: 0 for black, 2 for red.

Banana Plug to Banana Jack

5259-length-color



Rating: 1000V AC/DC max., 7 amps, 55°C (131°F) max., 18 AWG wire, .144 O.D. Lengths available (in inches): 12, 24, 36, 48. Standard colors available: 0 for black, 2 for red.

Miniature Stacking Banana Plug Patch Cord

1081-length-color



Rating: 3000 VDC, 5 amps, 55°C (131°F) max., 20 AWG wire, .087 O.D. Lengths available (in inches): 4, 8, 12, 18, 24, 36, 48, 60. Standard colors available: 0 for black, 2 for red.

Pomona®

Alligator Test Clip Patch Cord

AL-B-length-color



Jaws open to .300. Rating: 150V, 5 amps, 50°C (122°F) max., 18 AWG wire, .144 O.D. Lengths available (in inches): 4, 8, 12, 18, 24, 36, 48, 60. Ten standard colors: 0 for black, 1 for brown, 2 for red, 3 for orange, 4 for yellow, 5 for green, 6 for blue, 7 for violet, 8 for gray, 9 for white.

Alligator Test Clip Patch Cord Kit

6356-length-color

Kit contains 10 patch cords. Lengths available (in inches): 12, 24, 36, 48, 60. Ten standard colors: 0 for black, 1 for brown, 2 for red, 3 for orange, 4 for yellow, 5 for green, 6 for blue, 7 for violet, 8 for gray, 9 for white.

Multi-Stacking Banana Plug to Alligator Test Clip

1166-length-color



Jaws open to .300. Rating: 150V, 5 amps, 50°C (122°F) max., 18 AWG wire, .144 O.D. Lengths available (in inches): 8, 12, 24, 36, 48, 60. Ten standard colors: 0 for black, 1 for brown, 2 for red, 3 for orange, 4 for yellow, 5 for green, 6 for blue, 7 for violet, 8 for gray, 9 for white.

Banana Plug to Alligator Clip Patch Cord Kit

6357-length-color

Kit contains 10 patch cords. Lengths available (in inches): 12, 24, 36, 48, 60. Ten standard colors: 0 for black, 1 for brown, 2 for red, 3 for orange, 4 for yellow, 5 for green, 6 for blue, 7 for violet, 8 for gray, 9 for white.

Stacking Pin Tip Plugs to Minigrabber® Test Clip

3785-length-color



Hook attaches to component leads up to .060 O.D. Rating: 300V, 5 amps, 55°C (131°F) max., 20 AWG wire, .087 O.D. Lengths available (in inches): 12, 24, 36. Standard colors available: 0 for black, 2 for red.

Stacking Pin Tip Plug Patch Cord

P-length-color



Rating: 3000V DC, 5 amps, 55°C (131°F) max., 20 AWG wire, .087 O.D. Lengths available (in inches): 4, 8, 12, 18, 24, 36, 48, 60. Standard colors available: 0 for black, 2 for red.

Patch Cords & Test Leads

Pomona®

Banana Plug to Banana Jack 4702-length-color

Rating: 5000 VDC, 15 amps, 55°C (131°F) max., 18 AWG wire, .144 O.D. Lengths available (in inches): 12, 18, 24, 36, 48, 60. Standard colors available: 0 for black, 2 for red.



Minigrabber® Test Clip to Miniature Stacking Banana Plug 3784-length-color

Hook attaches to component leads up to .060 O.D. Rating: 300V, 5 amps, 55°C (131°F) max., 20 AWG wire, .087 O.D. Lengths available (in inches): 12, 24, 36, 48, 60. Standard colors available: 0 for black, 2 for red.



Miniature Banana Plug Patch Cord 2842-length-color

Rating: 3000 VDC, 5 amps, 55°C (131°F) max., 20 AWG wire, .144 O.D. Lengths available (in inches): 8, 12, 24, 36, 48. Standard colors available: 0 for black, 2 for red.



Alligator Test Clip to Insulated Spade Lug 1960-length-color

Rating: 150V, 15 amps, 55°C (131°F) max., 18 AWG wire, .144 O.D. Lengths available (in inches): 12, 24, 36, 48, 60. Standard colors available: 0 for black, 2 for red.



Multi-Stacking Banana Plug to Insulated Spade Lug 1370-length-color

Rating: 5000VDC, 7 amps, 55°C (131°F) max., 18 AWG wire, .144 O.D. Lengths available (in inches): 12, 24, 36, 48, 60. Standard colors available: 0 for black, 2 for red.



Insulated Spade Lug Patch Cord 1743-length-color

Rating: 5000VDC, 5 amps, 50°C (122°F) max., 18 AWG wire, .144 O.D. Lengths available (in inches): 12, 24, 36, 48, 60. Standard colors available: 0 for black, 2 for red.



Right Angle to Straight Test Lead Set 5907A

Feature 48 inch long flexible silicone wire. Excellent for use with either handheld or bench DMMs. Set of two, one black and one red. Fit most Fluke, Tektronix, Hewlett-Packard, Wavetek and Amprobe meters. Conforms to IEC1010-2-031, Overvoltage Category III, 1000V. Max current 10 amps.



Pomona®

Deluxe Electronic DMM Test Lead Kit 5674B

Kit contains 2 each (black/red): Modular Electronic Test Probes with .080" diameter Tip, Flexible Test Leads with Straight and Right Angle DMM Plugs, Maxigrabber® Test Clips with Pincer Tip, Minigrabber® Leads, Minipincer® Leads, Medium Alligator Clips, Slide-on Extended Tips (45 VAC) and Slide-on IC Tips (45 VAC). Supplied with a nylon pouch. Plugs fit most Fluke, Tektronix, Hewlett-Packard and Wavetek meters. Conforms to IEC1010-2-031, Overvoltage Category III, 300V.



Bench DMM Test Lead Kit 5901B

Kit contains 2 each (black/red): Modular Electronic Test Probes with Replacement Tip and five sets of replacement tips, Flexible Test Leads with Straight DMM Plugs, Minigrabber® Leads, Medium Alligator Clips, and Insulated Spade Lugs. Supplied with a nylon pouch. Plugs fit most Fluke, Tektronix, Hewlett-Packard, Keithley and Wavetek meters. Conforms to IEC1010-2-031, Overvoltage Category III, 300V.



Deluxe Electrical DMM Test Lead Kit 5904

Kit contains 2 each (black/red): Modular Electrical Test Probes with Sharp Stainless Steel Tip, Flexible Test Leads with Straight and Right Angle DMM Plugs, Maxigrabber® Test Clips with Hook Tips, with Pincer Tips, and with Jaws, and Extra Large Alligator Clips. Supplied with a nylon pouch. Plugs fit most Fluke, Tektronix, Hewlett-Packard and Wavetek meters. Conforms to IEC1010-2-031, Overvoltage Category III, 1000V. Maximum current 10 amps.



Basic Electrical DMM Test Lead Kit with Maxigrabber® Jaw Clips 5900

Kit contains 2 each (black/red): Modular Electrical Test Probes with Sharp Stainless Steel Tip, Flexible Test Leads with Straight and Right Angle DMM Plugs, and Maxigrabber® Test Clips with Jaws. Supplied with nylon pouch. Plugs fit most Fluke, Tektronix, Hewlett-Packard, Wavetek and Amprobe meters. Conforms to IEC1010-2-031, Overvoltage Category III, 1000V. Maximum current 10 amps.



Replacement Test Lead Sets 5519A

Precision probe tip is .080 diameter with a right angle plug type. Set contains two test probes with silicone insulated leads, one black and one red. Comfort grip overmolded probes. Convenient 48 inch length. Fits most Fluke, Hewlett-Packard, Tektronix, Wavetek, Keithley and Amprobe meters. Conforms to IEC1010-2-031 Overvoltage Category III, 1000V. Maximum current 10 amps. Precision probe tips best choice for μ V measurements.



Patch Cords & Test Leads

Pomona®

Electrical DMM Test Lead Kit 5673B

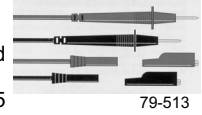
Kit contains 2 each (black/red): Modular Electrical Test Probes with Sharp Stainless Steel Tip, Flexible Test Leads with Straight and Right Angle DMM Plugs, Extra Large Alligator clips, Medium Alligator Clips (300V, 5A), Slide-on Extended Tips (300V, 3A), and Insulated Spade Lugs. Supplied with a nylon pouch. Plugs fit most Fluke, Tektronix, Hewlett-Packard, Wavetek and Amprobe meters. Conforms to IEC1010-2-031, Overvoltage Category III, 1000V. Maximum current 10 amps.



TRIPLETT

Digital Multimeter Test Leads

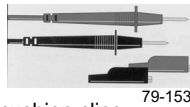
- 79-513 Test leads 48" with shrouded jacks and insulated screw-on alligator clips. For use on the models 4404, 1101 and C45 type 2.
- 79-723 Test leads 36" with probe tips. For use on the models 5505, 3303 and 2202.
- 79-760 Test lead 48" with insulated screw-on alligator clips. For use on the models 9040, 4404, 1101, 9300, 9310, 9320 and C45 type 2.
- 79-728 Test leads 42" with banana jacks and insulated screw-on alligator clips. For use on the models 5505, 3303 and 2202.



TRIPLETT

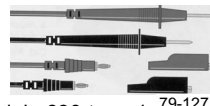
Model 310 Series Test Leads

- 79-206 48" leads with mini-banana jacks and insulated alligator clips.
- 79-695 Leads with mini-banana jacks and pin cushion clips.
- 79-722 Leads with mini-banana jacks and spike clips.
- 79-153 42" leads with mini-banana jacks and insulated screw-on alligator clips.



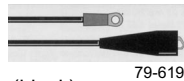
Model 60 Series, 630 Series, 666-R, and G/P Series Test Leads

- 79-127 Test leads 48" with insulated screw-on alligator clips. For use on the models 630 type 1, 2, and 3, 630-NA, 630-NS, 630-PL, 630-PLK, 666-R and G/P series.
- 79-373 Test leads 48" with miniature clips (female jack). For use on the models 60, 60-NA, 630 type 4 and later.
- 79-374 Test leads 48" with insulated screw-on alligator clips. (female jack). For use on the models 60, 60-NA, 630 type 4 and later.



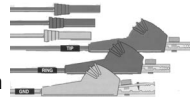
Model 8455 Test Leads

- 79-619 Lead 72" with test clip (black).
- 79-662 Test lead 72" with spike/pin cushion clip (black).
- 79-668 Test lead 72" with spike/pin cushion clip (red).



Model 7 Test Leads 79-683

Test lead assembly with shrouded jacks and pin cushion clips (red, yellow and green).

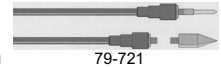


Models 2, 4, and 5 Test Leads

- 79-513 Test leads 48" with shrouded jacks and insulated screw-on alligator clips. For use on the Models 2, 4 and 5.
- 79-519 Lead assembly, W E 310 plug to modular plug. For use on the Models 4 and 5.
- 79-493 Combination of the 79-519 and 79-537.
- 79-537 Test lead assembly with modular jack and pin cushion clips. For use on the Models 2, 4 and 5.
- 79-548 Test leads with shrouded jacks and pin cushion clips. For use on the Models 4 and 5.
- 79-635 Lead assembly, modular plug to modular plug. For use on the Model 2.
- 79-636 Test lead assembly with modular jack and alligator clips (red, yellow and green). For use on the Model 2.

Mini-Fault Locator/BQ Series

- 79-721 Male-to-female 14" leads. For use on the Mini-Fault Locator.
- 79-727 Lead and negative terminal. For use on the BQ-series.



Model 10 Series Attachment Leads

- 79-415 Attachment lead 6". For use with 630 Type 1, 2, and 3, 630-NA, 63-PL, 630-PLK to Model 10 630-NS to Model 10-C.
- 79-416 Separating 42" lead. For use with 310 series to Model 10 series
- 79-417 Attachment 6". For use with 60/60-NA to Model 10 630 Type 4 and later to Model 10

